

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF
IAN WILLIAM KNOWLES ET AL
DIVISIONAL OF APPLIC.NO: 09/937,978
FILED: CONCURRENTLY HEREWITH
FOR:PIGMENT COMPOSITIONS AND PROCESS
OF SHADING

Group Art Unit: unassigned
Examiner: unassigned

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT FOR DIVISIONAL

Sir:

Please amend the above-identified patent application without prejudice as follows, in accord with the OG Notice of January 31, 2003, prior to calculation of the filing fee and consideration on the merits.

IN THE CLAIMS

Please cancel claims 1-18, 25

Kindly amend the claims as follows.

1-18. (cancelled):

19. (currently amended): A process for shading of paper to be used for food packaging material, which process comprises applying to at least one stage of the paper making process either

a) ~~a composition according to claim 1, a mixture of C.I. Pigment Violet 19 together with either C.I. Pigment Blue 15 or C.I. Pigment Blue 60, a dispersant, optionally a biocide, and water,~~

b) ~~a composition according to claim 10, a mixture of C.I. Pigment Red 177 together with C.I. Pigment Blue 15 or C.I. Pigment Blue 60, a dispersant, optionally a biocide, and water,~~

c) an aqueous dispersion of C.I. Pigment Violet 19 and an aqueous dispersion of C.I. Pigment Blue 15, wherein amount of C.I. Pigment Violet 19, or

d) an aqueous dispersion of C.I. Pigment Red 177 and an aqueous dispersion of either C.I. Pigment Blue 15 or C.I. Pigment Blue 60.

20. (currently amended): A process according to claim 19, wherein the composition is added to the mixing chest, the thin stock, or the thick stock ~~or preferably to the pulp.~~

21. (currently amended): A process according to claim 19 ~~or claim 20~~, wherein the composition is added in an amount of 5 to 1000 g per tonne, ~~preferably in an amount of 10 to 400 g/tonne and most preferably in an amount of 50 to 400 g/tonne.~~

22. (currently amended): A process according to ~~any one of claims~~ claim 19 to 24, wherein in addition a cationic coagulant or retention aid is added.

23. (currently amended): A process according to claim 22, wherein the cationic coagulant is added to the thick stock, ~~preferably prior to dilution.~~

24. (currently amended): A process according to claim 23, wherein the cationic coagulant is added in an amount of 10 to 1000 g per tonne, ~~preferably in an amount of 50 to 700 g/tonne and most preferably in an amount of 100 to 500 g/tonne.~~

25. (cancelled):

26 (new): A process according to claim 20, wherein the composition is added to the pulp.

27. (new): A process according to claim 21, wherein the composition is added in an amount of 10 to 400 g/tonne.

28. (new): A process according to claim 21, wherein the composition is added in an amount of 50 to 400 g/tonne.

29.(new): A process according to claim 23, wherein the cationic coagulant is added prior to dilution.

30.(new): A process according to claim 24, wherein the cationic coagulant is added in an amount of 50 to 700 g/tonne.

31. (new): A process according to claim 24, wherein the cationic coagulant is added in an amount of 100 to 500 g/tonne.